**Results:**

The major aim of the project was to determine if the client is creditworthy or not. In phase 1 of our project we trained the model using logistic regression and random forest regressor without performing any feature engineering or modifications on the dataset and obtain the accuracy of 91.94% on the dataset, later in the next phase after performing hyperparameter tuning and feature engineering to generate a new dataframe after combining multiple tables the model was able to predict with an accuracy of 92.2% and finally in this phase of the project we chose to utilize the dataset from the feature engineered dataframe exported to csv as final\_features, we preprocessed this dataset before using it in our multilayer perceptron,later 75% of the data from this table was used for training the neural network model to obtain the accuracies as stated above for different networking models.

